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## Search Results -

| Terms         | Documents |
|---------------|-----------|
| l6 and vector | 2         |

**Database:**

US Patents Full-Text Database  
 JPO Abstracts Database  
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 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

l6 and vector



## Search History

**Today's Date: 8/11/2000**

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| USPT,JPAB,EPAB,DWPI,TDBD | l6 and vector   | 2                | <a href="#">L7</a> |
| USPT,JPAB,EPAB,DWPI,TDBD | l5 and modulating   | 20               | <a href="#">L6</a> |
| USPT,JPAB,EPAB,DWPI,TDBD | geographical and transparency   | 241              | <a href="#">L5</a> |
| USPT,JPAB,EPAB,DWPI,TDBD | geographical and overlay and transparency and image                         | 24               | <a href="#">L4</a> |
| DWPI,USPT,EPAB,JPAB,TDBD | modulating and transparency and image and vector<br>and viewing and surface | 91               | <a href="#">L3</a> |
| USPT,JPAB,EPAB,DWPI,TDBD | l1 and ((345/113 )!.CCLS. )   | 0                | <a href="#">L2</a> |
| DWPI,USPT,EPAB,JPAB,TDBD | ((345/135 )!.CCLS. )  | 101              | <a href="#">L1</a> |

# WEST

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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 4513374 A

L7: Entry 1 of 2

File: USPT

Apr 23, 1985

US-PAT-NO: 4513374

DOCUMENT-IDENTIFIER: US 4513374 A

TITLE: Memory system

DATE-ISSUED: April 23, 1985

INVENTOR-INFORMATION:

| NAME                | CITY   | STATE | ZIP CODE | COUNTRY |
|---------------------|--------|-------|----------|---------|
| Hooks, Jr.; John T. | Dallas | TX    | N/A      | N/A     |

US-CL-CURRENT: 365/230.04

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 2. Document ID: US 4463380 A

L7: Entry 2 of 2

File: USPT

Jul 31, 1984

US-PAT-NO: 4463380

DOCUMENT-IDENTIFIER: US 4463380 A

TITLE: Image processing system

DATE-ISSUED: July 31, 1984

INVENTOR-INFORMATION:

| NAME                | CITY   | STATE | ZIP CODE | COUNTRY |
|---------------------|--------|-------|----------|---------|
| Hooks, Jr.; John T. | Dallas | TX    | N/A      | N/A     |

US-CL-CURRENT: 348/580; 345/427, 348/121, 348/552, 382/113, 382/284, 396/322

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

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| Terms         | Documents |
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| 16 and vector | 2         |

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| Terms  | Documents |
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| modulating and transparency and image and vector and viewing and surface | 91        |

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## Search History

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|--------------------------|---|------------------|-----------------|
| DWPI,USPT,EPAB,JPAB,TDBD | modulating and transparency and image and vector<br>and viewing and surface | 91               | <u>L3</u>       |
| USPT,JPAB,EPAB,DWPI,TDBD | 11 and ((345/113 )!.CCLS. )   | 0                | <u>L2</u>       |
| DWPI,USPT,EPAB,JPAB,TDBD | ((345/135 )!.CCLS. )  | 101              | <u>L1</u>       |

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| Terms   | Documents |
|---|-----------|
| geographical and overlay and transparency and image | 24        |

Database:

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- EPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

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geographical and overlay and  
transparency and image

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| DWPI,USPT,EPAB,JPAB,TDBD | modulating and transparency and image and vector<br>and viewing and surface | 91               | <a href="#">L3</a> |
| USPT,JPAB,EPAB,DWPI,TDBD | 11 and ((345/113 )!.CCLS. )   | 0                | <a href="#">L2</a> |
| DWPI,USPT,EPAB,JPAB,TDBD | ((345/135 )!.CCLS. )  | 101              | <a href="#">L1</a> |

# WEST

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Search Results - Record(s) 1 through 10 of 24 returned.

☐ 1. Document ID: US 5978804 A

L4: Entry 1 of 24

File: USPT

Nov 2, 1999

US-PAT-NO: 5978804

DOCUMENT-IDENTIFIER: US 5978804 A

TITLE: Natural products information system

|      |       |          |       |        |                |      |           |        |      |           |       |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 2. Document ID: US 5841971 A

L4: Entry 2 of 24

File: USPT

Nov 24, 1998

US-PAT-NO: 5841971

DOCUMENT-IDENTIFIER: US 5841971 A

TITLE: Information transmission system for transmitting video signals over cellular telephone networks

|      |       |          |       |        |                |      |           |        |      |           |       |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 3. Document ID: US 5583972 A

L4: Entry 3 of 24

File: USPT

Dec 10, 1996

US-PAT-NO: 5583972

DOCUMENT-IDENTIFIER: US 5583972 A

TITLE: 3-D weather display and weathercast system

|      |       |          |       |        |                |      |           |        |      |           |       |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☒ 4. Document ID: US 5467441 A

L4: Entry 4 of 24

File: USPT

Nov 14, 1995

US-PAT-NO: 5467441

DOCUMENT-IDENTIFIER: US 5467441 A

TITLE: Method for operating on objects in a first image using an object-based model data structure to produce a second contextual image having added, replaced or deleted objects

|      |       |          |       |        |                |      |           |        |      |           |       |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 5. Document ID: US 5335277 A

L4: Entry 5 of 24

File: USPT

Aug 2, 1994

US-PAT-NO: 5335277

DOCUMENT-IDENTIFIER: US 5335277 A

TITLE: Signal processing apparatus and methods

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 6. Document ID: US 5233654 A

L4: Entry 6 of 24

File: USPT

Aug 3, 1993

US-PAT-NO: 5233654

DOCUMENT-IDENTIFIER: US 5233654 A

TITLE: Signal processing apparatus and methods

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 7. Document ID: US 5109414 A

L4: Entry 7 of 24

File: USPT

Apr 28, 1992

US-PAT-NO: 5109414

DOCUMENT-IDENTIFIER: US 5109414 A

TITLE: Signal processing apparatus and methods

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 8. Document ID: US 5080591 A

L4: Entry 8 of 24

File: USPT

Jan 14, 1992

US-PAT-NO: 5080591

DOCUMENT-IDENTIFIER: US 5080591 A

TITLE: Instructional globe

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 9. Document ID: US 4970666 A

L4: Entry 9 of 24

File: USPT

Nov 13, 1990

US-PAT-NO: 4970666

DOCUMENT-IDENTIFIER: US 4970666 A

TITLE: Computerized video imaging system for creating a realistic depiction of a simulated object in an actual environment

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 10. Document ID: US 4965763 A

L4: Entry 10 of 24

File: USPT

Oct 23, 1990

US-PAT-NO: 4965763

DOCUMENT-IDENTIFIER: US 4965763 A

TITLE: Computer method for automatic extraction of commonly specified information from business correspondence

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
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| geographical and overlay and transparency and image | 24        |

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| l4 and cosine | 5         |

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14 and cosine

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## Search History

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| USPT,JPAB,EPAB,DWPI,TDBD | l3 and overlap                    | 45               | <u>L4</u>       |
| USPT,JPAB,EPAB,DWPI,TDBD | l2 and surface and viewing        | 78               | <u>L3</u>       |
| USPT,JPAB,EPAB,DWPI,TDBD | l1 and modulating and angle       | 161              | <u>L2</u>       |
| DWPI,USPT,EPAB,JPAB,TDBD | transparency and image and vector | 1343             | <u>L1</u>       |

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## Search Results - Record(s) 1 through 5 of 5 returned.

☒ 1. Document ID: US 5977977 A

L5: Entry 1 of 5

File: USPT

Nov 2, 1999

US-PAT-NO: 5977977

DOCUMENT-IDENTIFIER: US 5977977 A

TITLE: Method and system for multi-pass rendering

DATE-ISSUED: November 2, 1999

## INVENTOR-INFORMATION:

| NAME             | CITY    | STATE | ZIP CODE | COUNTRY |
|------------------|---------|-------|----------|---------|
| Kajiya; James T. | Duvall  | WA    | N/A      | N/A     |
| Snyder; John M.  | Redmond | WA    | N/A      | N/A     |

US-CL-CURRENT: 345/418

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|-----------|-------|

☐ 2. Document ID: US 5870097 A

L5: Entry 2 of 5

File: USPT

Feb 9, 1999

US-PAT-NO: 5870097

DOCUMENT-IDENTIFIER: US 5870097 A

TITLE: Method and system for improving shadowing in a graphics rendering system

DATE-ISSUED: February 9, 1999

## INVENTOR-INFORMATION:

| NAME               | CITY     | STATE | ZIP CODE | COUNTRY |
|--------------------|----------|-------|----------|---------|
| Snyder; John M.    | Redmond  | WA    | N/A      | N/A     |
| Kajiya; James T.   | Duvall   | WA    | N/A      | N/A     |
| Gabriel; Steven A. | Redmond  | WA    | N/A      | N/A     |
| Toelle; Michael A. | Bellevue | WA    | N/A      | N/A     |

US-CL-CURRENT: 345/426; 345/422, 345/431, 345/432

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|-----------|-------|

☐ 3. Document ID: US 5487172 A

L5: Entry 3 of 5

File: USPT

Jan 23, 1996

US-PAT-NO: 5487172  
DOCUMENT-IDENTIFIER: US 5487172 A

TITLE: Transform processor system having reduced processing bandwidth

DATE-ISSUED: January 23, 1996

INVENTOR-INFORMATION:

| NAME              | CITY      | STATE | ZIP CODE | COUNTRY |
|-------------------|-----------|-------|----------|---------|
| Hyatt; Gilbert P. | Las Vegas | NV    | 89180    | N/A     |

US-CL-CURRENT: 712/32; 700/8

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 4. Document ID: US 4513374 A

L5: Entry 4 of 5

File: USPT

Apr 23, 1985

US-PAT-NO: 4513374

DOCUMENT-IDENTIFIER: US 4513374 A

TITLE: Memory system

DATE-ISSUED: April 23, 1985

INVENTOR-INFORMATION:

| NAME                | CITY   | STATE | ZIP CODE | COUNTRY |
|---------------------|--------|-------|----------|---------|
| Hooks, Jr.; John T. | Dallas | TX    | N/A      | N/A     |

US-CL-CURRENT: 365/230.04

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 5. Document ID: US 3665097 A

L5: Entry 5 of 5

File: USPT

May 23, 1972

US-PAT-NO: 3665097

DOCUMENT-IDENTIFIER: US 3665097 A

TITLE: OPTICAL DATA PROCESSING SYSTEM

DATE-ISSUED: May 23, 1972

INVENTOR-INFORMATION:

| NAME             | CITY      | STATE | ZIP CODE | COUNTRY |
|------------------|-----------|-------|----------|---------|
| Macovski; Albert | Palo Alto | CA    | N/A      | N/A     |

US-CL-CURRENT: 348/161; 348/335, 356/360, 359/561

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
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| l4 and cosine | 5         |

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## Search Results - Record(s) 1 through 10 of 101 returned.

☒ 1. Document ID: US 6100902 A

L1: Entry 1 of 101

File: USPT

Aug 8, 2000

US-PAT-NO: 6100902

DOCUMENT-IDENTIFIER: US 6100902 A

TITLE: Image data approximation considering normal vectors

DATE-ISSUED: August 8, 2000

## INVENTOR-INFORMATION:

| NAME             | CITY  | STATE | ZIP CODE | COUNTRY |
|------------------|-------|-------|----------|---------|
| Horikawa; Junji  | Tokyo | N/A   | N/A      | JPX     |
| Totsuka; Takashi | Chiba | N/A   | N/A      | JPX     |

US-CL-CURRENT: 345/441; 345/135, 345/136, 345/428

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 2. Document ID: US 6057857 A

L1: Entry 2 of 101

File: USPT

May 2, 2000

US-PAT-NO: 6057857

DOCUMENT-IDENTIFIER: US 6057857 A

TITLE: Method for the lossless compression of lines in a distributed computer system

DATE-ISSUED: May 2, 2000

## INVENTOR-INFORMATION:

| NAME                | CITY             | STATE | ZIP CODE | COUNTRY |
|---------------------|------------------|-------|----------|---------|
| Bloomfield; Marc A. | Lighthouse Point | FL    | N/A      | N/A     |

US-CL-CURRENT: 345/441; 345/135, 345/442, 345/443

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 3. Document ID: US 6057825 A

L1: Entry 3 of 101

File: USPT

May 2, 2000

US-PAT-NO: 6057825  
DOCUMENT-IDENTIFIER: US 6057825 A

TITLE: Image processing apparatus with paint-in of outline interiors

DATE-ISSUED: May 2, 2000

INVENTOR-INFORMATION:

| NAME               | CITY     | STATE | ZIP CODE | COUNTRY |
|--------------------|----------|-------|----------|---------|
| Takakura; Hiroshi  | Yokohama | N/A   | N/A      | JPX     |
| Kato; Takahiro     | Tokyo    | N/A   | N/A      | JPX     |
| Hamada; Masaki     | Yokohama | N/A   | N/A      | JPX     |
| Seto; Kunio        | Inagi    | N/A   | N/A      | JPX     |
| Shirasaka; Akifumi | Kawasaki | N/A   | N/A      | JPX     |

US-CL-CURRENT: 345/133; 345/135, 345/144

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 4. Document ID: US 6008817 A

L1: Entry 4 of 101

File: USPT

Dec 28, 1999

US-PAT-NO: 6008817  
DOCUMENT-IDENTIFIER: US 6008817 A

TITLE: Comparative visual assessment system and method

DATE-ISSUED: December 28, 1999

INVENTOR-INFORMATION:

| NAME                  | CITY    | STATE | ZIP CODE | COUNTRY |
|-----------------------|---------|-------|----------|---------|
| Gilmore, Jr.; John T. | Amherst | NH    | N/A      | N/A     |

US-CL-CURRENT: 345/440; 345/135, 345/326, 345/339

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 5. Document ID: US 5920685 A

L1: Entry 5 of 101

File: USPT

Jul 6, 1999

US-PAT-NO: 5920685  
DOCUMENT-IDENTIFIER: US 5920685 A

TITLE: Printing machine with merging/annotating/signaturizing capability

DATE-ISSUED: July 6, 1999

INVENTOR-INFORMATION:

| NAME                | CITY       | STATE | ZIP CODE | COUNTRY |
|---------------------|------------|-------|----------|---------|
| Romano; Kenneth D.  | Webster    | NY    | N/A      | N/A     |
| Chapin; Robert M.   | Rushville  | NY    | N/A      | N/A     |
| Frumusa; Anthony M. | Penfield   | NY    | N/A      | N/A     |
| Rabb; Khalid M.     | Fairport   | NY    | N/A      | N/A     |
| Nargi; James G.     | Farmington | NY    | N/A      | N/A     |
| Salgado; David L.   | Victor     | NY    | N/A      | N/A     |
| Mohabir; Daniel A.  | Walworth   | NY    | N/A      | N/A     |

US-CL-CURRENT: 358/1.15; 345/135

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 6. Document ID: US 5896121 A

L1: Entry 6 of 101

File: USPT

Apr 20, 1999

US-PAT-NO: 5896121

DOCUMENT-IDENTIFIER: US 5896121 A

TITLE: Data-dependent color display for vectorscopes

DATE-ISSUED: April 20, 1999

INVENTOR-INFORMATION:

| NAME             | CITY      | STATE | ZIP CODE | COUNTRY |
|------------------|-----------|-------|----------|---------|
| Kafer; Warren G. | Hillsboro | OR    | N/A      | N/A     |

US-CL-CURRENT: 345/135; 345/133, 345/431, 345/432

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 7. Document ID: US 5890190 A

L1: Entry 7 of 101

File: USPT

Mar 30, 1999

US-PAT-NO: 5890190

DOCUMENT-IDENTIFIER: US 5890190 A

TITLE: Frame buffer for storing graphics and video data

DATE-ISSUED: March 30, 1999

INVENTOR-INFORMATION:

| NAME           | CITY          | STATE | ZIP CODE | COUNTRY |
|----------------|---------------|-------|----------|---------|
| Rutman; Sergei | Boulder Creek | CA    | N/A      | N/A     |

US-CL-CURRENT: 711/101; 345/135, 345/153, 345/162, 345/164, 711/154

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 8. Document ID: US 5847715 A

L1: Entry 8 of 101

File: USPT

Dec 8, 1998

US-PAT-NO: 5847715

DOCUMENT-IDENTIFIER: US 5847715 A

TITLE: Graphics display system including parallel graphics processors executing Bresenham's algorithm

DATE-ISSUED: December 8, 1998

INVENTOR-INFORMATION:

| NAME                | CITY           | STATE | ZIP CODE | COUNTRY |
|---------------------|----------------|-------|----------|---------|
| Fujita; Ryo         | Hitachi        | N/A   | N/A      | JPX     |
| Takami; Kazuhisa    | Hitachi        | N/A   | N/A      | JPX     |
| Soga; Mitsuru       | Hitachi        | N/A   | N/A      | JPX     |
| Ozawa; Koji         | Hitachioota    | N/A   | N/A      | JPX     |
| Morishige; Takaharu | Tamamura-machi | N/A   | N/A      | JPX     |
| Koga; Kazuyoshi     | Katsuta        | N/A   | N/A      | JPX     |

US-CL-CURRENT: 345/443; 345/112, 345/135, 345/418, 345/441, 345/501, 345/502, 345/505, 345/507, 345/513

|      |       |          |       |        |                |      |           |        |      |           |       |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 9. Document ID: US 5448301 A

L1: Entry 9 of 101

File: USPT

Sep 5, 1995

US-PAT-NO: 5448301

DOCUMENT-IDENTIFIER: US 5448301 A

TITLE: Programmable video transformation rendering method and apparatus

DATE-ISSUED: September 5, 1995

INVENTOR-INFORMATION:

| NAME               | CITY         | STATE | ZIP CODE | COUNTRY |
|--------------------|--------------|-------|----------|---------|
| Michener; James A. | Grass Valley | CA    | N/A      | N/A     |

US-CL-CURRENT: 348/578; 345/133, 345/135, 348/580, 382/293

|      |       |          |       |        |                |      |           |        |      |           |       |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 10. Document ID: US 5351315 A

L1: Entry 10 of 101

File: USPT

Sep 27, 1994



US-PAT-NO: 5351315  
DOCUMENT-IDENTIFIER: US 5351315 A

TITLE: Apparatus for smoothing outlines of images

DATE-ISSUED: September 27, 1994

INVENTOR-INFORMATION:

| NAME            | CITY     | STATE | ZIP CODE | COUNTRY |
|-----------------|----------|-------|----------|---------|
| Ueda; Naofumi   | Yokohama | N/A   | N/A      | JPX     |
| Hanyu; Yoshiaki | Tokyo    | N/A   | N/A      | JPX     |

US-CL-CURRENT: 382/266; 345/135, 345/136

|      |       |          |       |        |                |      |           |        |      |           |       |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

Generate Collection

| Terms                | Documents |
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| ((345/135 )!.CCLS. ) | 101       |

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Documents, starting with Document:

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**Display Format:**

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**Search Results - Record(s) 11 through 20 of 101 returned.**

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☐ 11. Document ID: US 5253336 A

L1: Entry 11 of 101

File: USPT

Oct 12, 1993

US-PAT-NO: 5253336

DOCUMENT-IDENTIFIER: US 5253336 A

TITLE: Method for fitting third-degree Bezier curves to series of data points

DATE-ISSUED: October 12, 1993

INVENTOR-INFORMATION:

| NAME            | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------|------|-------|----------|---------|
| Yamada; Keiichi | Oome | N/A   | N/A      | JPX     |

US-CL-CURRENT: 345/442; 345/135, 345/136, 345/441, 382/293

|      |       |          |       |        |                |      |           |        |      |           |       |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 12. Document ID: US 5239292 A

L1: Entry 12 of 101

File: USPT

Aug 24, 1993

US-PAT-NO: 5239292

DOCUMENT-IDENTIFIER: US 5239292 A

TITLE: Computer graphics system electronically simulating painting on canvas

DATE-ISSUED: August 24, 1993

INVENTOR-INFORMATION:

| NAME               | CITY   | STATE | ZIP CODE | COUNTRY |
|--------------------|--------|-------|----------|---------|
| Willan; Stephen B. | London | N/A   | N/A      | GB2     |

US-CL-CURRENT: 345/135

|      |       |          |       |        |                |      |           |        |      |           |       |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 13. Document ID: US 5233332 A

L1: Entry 13 of 101

File: USPT

Aug 3, 1993

US-PAT-NO: 5233332  
DOCUMENT-IDENTIFIER: US 5233332 A

TITLE: Page turning effect generating apparatus

DATE-ISSUED: August 3, 1993

INVENTOR-INFORMATION:

| NAME             | CITY  | STATE | ZIP CODE | COUNTRY |
|------------------|-------|-------|----------|---------|
| Watanabe; Osamu  | Tokyo | N/A   | N/A      | JPX     |
| Koyama; Shinsuke | Chiba | N/A   | N/A      | JPX     |

US-CL-CURRENT: 345/121; 345/135, 345/425, 345/427, 348/578, 348/584, 348/588

|      |       |          |       |        |                |      |           |        |      |           |       |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 14. Document ID: US 5231697 A

L1: Entry 14 of 101

File: USPT

Jul 27, 1993

US-PAT-NO: 5231697  
DOCUMENT-IDENTIFIER: US 5231697 A

TITLE: Method and system for determining connection states of straight short vectors representing figure in curve fitting

DATE-ISSUED: July 27, 1993

INVENTOR-INFORMATION:

| NAME            | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------|------|-------|----------|---------|
| Yamada; Keiichi | Oome | N/A   | N/A      | JPX     |

US-CL-CURRENT: 345/442; 345/135, 345/136, 345/441, 345/443

|      |       |          |       |        |                |      |           |        |      |           |       |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 15. Document ID: US 5222207 A

L1: Entry 15 of 101

File: USPT

Jun 22, 1993

US-PAT-NO: 5222207  
DOCUMENT-IDENTIFIER: US 5222207 A

TITLE: Method and system for determining segment types in figure represented by straight short vectors

DATE-ISSUED: June 22, 1993

INVENTOR-INFORMATION:

| NAME            | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------|------|-------|----------|---------|
| Yamada; Keiichi | Oome | N/A   | N/A      | JPX     |

US-CL-CURRENT: 345/442; 345/135, 345/136, 345/441, 345/443

|      |       |          |       |        |                |      |           |        |      |           |       |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 16. Document ID: US 5179645 A

US-PAT-NO: 5179645

DOCUMENT-IDENTIFIER: US 5179645 A

TITLE: Method of recognizing overlapped graphics in each degree of overlapping thereof

DATE-ISSUED: January 12, 1993

## INVENTOR-INFORMATION:

| NAME               | CITY  | STATE | ZIP CODE | COUNTRY |
|--------------------|-------|-------|----------|---------|
| Tanimori; Masayuki | Tokyo | N/A   | N/A      | JPX     |

US-CL-CURRENT: 345/441; 345/135, 345/196

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 17. Document ID: US 5167015 A

L1: Entry 17 of 101

File: USPT

Nov 24, 1992

US-PAT-NO: 5167015

DOCUMENT-IDENTIFIER: US 5167015 A

TITLE: Line drawing method and apparatus

DATE-ISSUED: November 24, 1992

## INVENTOR-INFORMATION:

| NAME              | CITY   | STATE | ZIP CODE | COUNTRY |
|-------------------|--------|-------|----------|---------|
| Bair; Chaur-Hwang | Hsin   | N/A   | N/A      | TWX     |
| Shyu; Hounq-Ching | Hsin   | N/A   | N/A      | TWX     |
| Shyu; Chu-Fa      | Maio   | N/A   | N/A      | TWX     |
| Yang; Yao-Sung    | Tainan | N/A   | N/A      | TWX     |

US-CL-CURRENT: 345/443; 345/135, 345/441

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 18. Document ID: US 5132674 A

L1: Entry 18 of 101

File: USPT

Jul 21, 1992

US-PAT-NO: 5132674

DOCUMENT-IDENTIFIER: US 5132674 A

TITLE: Method and apparatus for drawing high quality lines on color matrix displays

DATE-ISSUED: July 21, 1992

## INVENTOR-INFORMATION:

| NAME              | CITY         | STATE | ZIP CODE | COUNTRY |
|-------------------|--------------|-------|----------|---------|
| Bottorf; Scott A. | Cedar Rapids | IA    | N/A      | N/A     |

US-CL-CURRENT: 345/135; 345/136, 345/150

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 19. Document ID: US 5073960 A

L1: Entry 19 of 101

File: USPT

Dec 17, 1991

US-PAT-NO: 5073960

DOCUMENT-IDENTIFIER: US 5073960 A

TITLE: Image processing method using improved Bresenham algorithm in creating an outline of a figure to be painted and apparatus adopting the method

DATE-ISSUED: December 17, 1991

INVENTOR-INFORMATION:

| NAME               | CITY           | STATE | ZIP CODE | COUNTRY |
|--------------------|----------------|-------|----------|---------|
| Nakai; Yoshiyuki   | Nara           | N/A   | N/A      | JPX     |
| Maruta; Kazuo      | Yamatokooryama | N/A   | N/A      | JPX     |
| Nakajima; Tatsushi | Yamatokooryama | N/A   | N/A      | JPX     |
| Kawanaka; Seido    | Yawata         | N/A   | N/A      | JPX     |

US-CL-CURRENT: 382/199; 345/135, 345/441

|      |       |          |       |        |                |      |           |        |      |           |       |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 20. Document ID: US 5070466 A

L1: Entry 20 of 101

File: USPT

Dec 3, 1991

US-PAT-NO: 5070466

DOCUMENT-IDENTIFIER: US 5070466 A

TITLE: Digital vector generator apparatus for providing mathematically precise vectors and symmetrical patterns

DATE-ISSUED: December 3, 1991

INVENTOR-INFORMATION:

| NAME                | CITY          | STATE | ZIP CODE | COUNTRY |
|---------------------|---------------|-------|----------|---------|
| Anderson; Bruce M.  | Phoenix       | AZ    | N/A      | N/A     |
| Broderick; Brian E. | New Palestine | IN    | N/A      | N/A     |

US-CL-CURRENT: 345/443; 345/135

|      |       |          |       |        |                |      |           |        |      |           |       |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

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[Edit S Numbers](#)
[Preferences](#)

## Search Results -

| Terms     | Documents |
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| 11 and 19 | 24        |

Database:

US Patents Full-Text Database  
 JPO Abstracts Database  
 EPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

11 and 19

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Clear

## Search History

Today's Date: 8/11/2000

| <u>DB Name</u>           | <u>Query</u>            | <u>Hit Count</u> | <u>Set Name</u> |
|--------------------------|-------------------------|------------------|-----------------|
| USPT,JPAB,EPAB,DWPI,TDBD | 11 and 19               | 24               | <u>L10</u>      |
| USPT,JPAB,EPAB,DWPI,TDBD | ((345/435 )!.CCLS. )    | 398              | <u>L9</u>       |
| USPT,JPAB,EPAB,DWPI,TDBD | 11 and 17               | 0                | <u>L8</u>       |
| USPT,JPAB,EPAB,DWPI,TDBD | ((340/815.86 )!.CCLS. ) | 130              | <u>L7</u>       |
| USPT,JPAB,EPAB,DWPI,TDBD | 11 and 12               | 15               | <u>L6</u>       |
| USPT,JPAB,EPAB,DWPI,TDBD | 12 and 13               | 1                | <u>L5</u>       |
| USPT,JPAB,EPAB,DWPI,TDBD | 11 and 13               | 0                | <u>L4</u>       |
| USPT,JPAB,EPAB,DWPI,TDBD | ((345/429 )!.CCLS. )    | 385              | <u>L3</u>       |
| USPT,JPAB,EPAB,DWPI,TDBD | ((345/114 )!.CCLS. )    | 148              | <u>L2</u>       |
| DWPI,USPT,EPAB,JPAB,TDBD | ((345/113 )!.CCLS. )    | 302              | <u>L1</u>       |

Generate Collection

## Search Results - Record(s) 1 through 10 of 24 returned.

☐ 1. Document ID: US 6069637 A

L10: Entry 1 of 24

File: USPT

May 30, 2000

US-PAT-NO: 6069637

DOCUMENT-IDENTIFIER: US 6069637 A

TITLE: System for custom imprinting a variety of articles with images obtained from a variety of different sources

DATE-ISSUED: May 30, 2000

## INVENTOR-INFORMATION:

| NAME                     | CITY      | STATE | ZIP CODE | COUNTRY |
|--------------------------|-----------|-------|----------|---------|
| Gaglione; Patrick Joseph | Rochester | NY    | N/A      | N/A     |
| Morba; Michael Anthony   | Rochester | NY    | N/A      | N/A     |

US-CL-CURRENT: 345/435; 345/113, 345/114, 345/428, 707/508

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|-----------|-------|

☐ 2. Document ID: US 6016137 A

L10: Entry 2 of 24

File: USPT

Jan 18, 2000

US-PAT-NO: 6016137

DOCUMENT-IDENTIFIER: US 6016137 A

TITLE: Method and apparatus for producing a semi-transparent cursor on a data processing display

DATE-ISSUED: January 18, 2000

## INVENTOR-INFORMATION:

| NAME                          | CITY           | STATE | ZIP CODE | COUNTRY |
|-------------------------------|----------------|-------|----------|---------|
| Evans; Edward Kelley          | Essex Junction | VT    | N/A      | N/A     |
| Long; Andrew Anthony          | Winooski       | VT    | N/A      | N/A     |
| West; Roderick Michael Peters | Colchester     | VT    | N/A      | N/A     |

US-CL-CURRENT: 345/145; 345/113, 345/114, 345/435

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|-----------|-------|

☐ 3. Document ID: US 5995078 A

L10: Entry 3 of 24

File: USPT

Nov 30, 1999

US-PAT-NO: 5995078  
DOCUMENT-IDENTIFIER: US 5995078 A

TITLE: Incremental automatic track datablock offset

DATE-ISSUED: November 30, 1999

INVENTOR-INFORMATION:

| NAME             | CITY      | STATE | ZIP CODE | COUNTRY |
|------------------|-----------|-------|----------|---------|
| Ellert; James W. | Placentia | CA    | N/A      | N/A     |

US-CL-CURRENT: 345/113; 345/121, 345/435, 345/437

|      |       |          |       |        |                |      |           |        |      |           |       |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 4. Document ID: US 5936606 A

L10: Entry 4 of 24

File: USPT

Aug 10, 1999

US-PAT-NO: 5936606

DOCUMENT-IDENTIFIER: US 5936606 A

TITLE: On-screen edit/display controller

DATE-ISSUED: August 10, 1999

INVENTOR-INFORMATION:

| NAME             | CITY    | STATE | ZIP CODE | COUNTRY |
|------------------|---------|-------|----------|---------|
| Lie; Ching-Sheng | Hsinchu | N/A   | N/A      | TWX     |

US-CL-CURRENT: 345/113; 345/114, 345/435

|      |       |          |       |        |                |      |           |        |      |           |       |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 5. Document ID: US 5892521 A

L10: Entry 5 of 24

File: USPT

Apr 6, 1999

US-PAT-NO: 5892521

DOCUMENT-IDENTIFIER: US 5892521 A

TITLE: System and method for composing a display frame of multiple layered graphic sprites

DATE-ISSUED: April 6, 1999

INVENTOR-INFORMATION:

| NAME             | CITY        | STATE | ZIP CODE | COUNTRY |
|------------------|-------------|-------|----------|---------|
| Blossom; Jon     | Oakland     | CA    | N/A      | N/A     |
| Edwards; Michael | Woodinville | WA    | N/A      | N/A     |

US-CL-CURRENT: 345/501; 345/113, 345/435, 345/473, 345/509

|      |       |          |       |        |                |      |           |        |      |           |       |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 6. Document ID: US 5889499 A

L10: Entry 6 of 24

File: USPT

Mar 30, 1999



US-PAT-NO: 5889499  
DOCUMENT-IDENTIFIER: US 5889499 A

TITLE: System and method for the mixing of graphics and video signals

DATE-ISSUED: March 30, 1999

INVENTOR-INFORMATION:

| NAME                       | CITY  | STATE | ZIP CODE | COUNTRY |
|----------------------------|-------|-------|----------|---------|
| Nally; Robert Marshall     | Plano | TX    | N/A      | N/A     |
| Reinert; Christopher Lloyd | Plano | TX    | N/A      | N/A     |

US-CL-CURRENT: 345/7; 345/113, 345/435

|      |       |          |       |        |                |      |           |        |      |           |       |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 7. Document ID: US 5874967 A

L10: Entry 7 of 24

File: USPT

Feb 23, 1999

US-PAT-NO: 5874967  
DOCUMENT-IDENTIFIER: US 5874967 A

TITLE: Graphics system and process for blending graphics display layers

DATE-ISSUED: February 23, 1999

INVENTOR-INFORMATION:

| NAME                | CITY           | STATE | ZIP CODE | COUNTRY |
|---------------------|----------------|-------|----------|---------|
| West; R. Michael P. | Colchester     | VT    | N/A      | N/A     |
| Evans; Edward K.    | Essex Junction | VT    | N/A      | N/A     |
| Stratz; Stephen J.  | Shelburne      | VT    | N/A      | N/A     |

US-CL-CURRENT: 345/435; 345/113, 345/114

|      |       |          |       |        |                |      |           |        |      |           |       |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 8. Document ID: US 5850232 A

L10: Entry 8 of 24

File: USPT

Dec 15, 1998

US-PAT-NO: 5850232  
DOCUMENT-IDENTIFIER: US 5850232 A

TITLE: Method and system for flipping images in a window using overlays

DATE-ISSUED: December 15, 1998

INVENTOR-INFORMATION:

| NAME              | CITY     | STATE | ZIP CODE | COUNTRY |
|-------------------|----------|-------|----------|---------|
| Engstrom; G. Eric | Kirkland | WA    | N/A      | N/A     |
| Eisler; Craig G.  | Kirkland | WA    | N/A      | N/A     |

US-CL-CURRENT: 345/511; 345/113, 345/342, 345/431, 345/435, 345/501

|      |       |          |       |        |                |      |           |        |      |           |       |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 9. Document ID: US 5838336 A

L10: Entry 9 of 24

File: USPT

Nov 17, 1998

US-PAT-NO: 5838336

DOCUMENT-IDENTIFIER: US 5838336 A

TITLE: Method and system for displaying images on a display device

DATE-ISSUED: November 17, 1998

INVENTOR-INFORMATION:

| NAME              | CITY    | STATE | ZIP CODE | COUNTRY |
|-------------------|---------|-------|----------|---------|
| Ross; Jonathan P. | Seattle | WA    | N/A      | N/A     |

US-CL-CURRENT: 345/508; 345/113, 345/162, 345/435

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 10. Document ID: US 5831590 A

L10: Entry 10 of 24

File: USPT

Nov 3, 1998

US-PAT-NO: 5831590

DOCUMENT-IDENTIFIER: US 5831590 A

TITLE: Composite picture editing device

DATE-ISSUED: November 3, 1998

INVENTOR-INFORMATION:

| NAME             | CITY   | STATE | ZIP CODE | COUNTRY |
|------------------|--------|-------|----------|---------|
| Ikedo; Tatsuhiro | Nagoya | N/A   | N/A      | JPX     |

US-CL-CURRENT: 345/113; 345/115, 345/435

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

Generate Collection

| Terms     | Documents |
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| 11 and 19 | 24        |

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Documents, starting with Document:

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## Search Results - Record(s) 21 through 24 of 24 returned.

☐ 21. Document ID: US 5093798 A

L10: Entry 21 of 24

File: USPT

Mar 3, 1992

US-PAT-NO: 5093798

DOCUMENT-IDENTIFIER: US 5093798 A

TITLE: Image processing system

DATE-ISSUED: March 3, 1992

## INVENTOR-INFORMATION:

| NAME          | CITY    | STATE | ZIP CODE | COUNTRY |
|---------------|---------|-------|----------|---------|
| Kita; Kouichi | Tochigi | N/A   | N/A      | JPX     |

US-CL-CURRENT: 345/435; 345/113

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 22. Document ID: US 5041992 A

L10: Entry 22 of 24

File: USPT

Aug 20, 1991

US-PAT-NO: 5041992

DOCUMENT-IDENTIFIER: US 5041992 A

TITLE: Interactive method of developing software interfaces

DATE-ISSUED: August 20, 1991

## INVENTOR-INFORMATION:

| NAME                  | CITY       | STATE | ZIP CODE | COUNTRY |
|-----------------------|------------|-------|----------|---------|
| Cunningham; Robert E. | Palo Alto  | CA    | N/A      | N/A     |
| Bonar; Jeffery G.     | Pittsburgh | PA    | N/A      | N/A     |
| Corbett; John D.      | Pittsburgh | PA    | N/A      | N/A     |

US-CL-CURRENT: 345/435; 345/113, 345/133, 345/145, 345/333, 345/334, 345/335, 345/441

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 23. Document ID: US 4982343 A

L10: Entry 23 of 24

File: USPT

Jan 1, 1991

US-PAT-NO: 4982343  
DOCUMENT-IDENTIFIER: US 4982343 A

TITLE: Method and apparatus for displaying a plurality of graphic images

DATE-ISSUED: January 1, 1991

INVENTOR-INFORMATION:

| NAME                 | CITY            | STATE | ZIP CODE | COUNTRY |
|----------------------|-----------------|-------|----------|---------|
| Hourvitz; Leonard J. | La Honda        | CA    | N/A      | N/A     |
| Newlin; John K.      | Palo Alto       | CA    | N/A      | N/A     |
| Page; Richard A.     | Los Altos Hills | CA    | N/A      | N/A     |

US-CL-CURRENT: 345/435; 345/113, 345/430

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 24. Document ID: US 4954970 A

L10: Entry 24 of 24

File: USPT

Sep 4, 1990

US-PAT-NO: 4954970

DOCUMENT-IDENTIFIER: US 4954970 A

TITLE: Video overlay image processing apparatus

DATE-ISSUED: September 4, 1990

INVENTOR-INFORMATION:

| NAME              | CITY      | STATE | ZIP CODE | COUNTRY |
|-------------------|-----------|-------|----------|---------|
| Walker; James T.  | Palo Alto | CA    | 94301    | N/A     |
| Kausch; Marvin L. | San Jose  | CA    | 95132    | N/A     |

US-CL-CURRENT: 345/435; 345/113, 345/114, 345/153, 345/431, 358/524

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

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| 11 and 19 | 24        |

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| USPT,JPAB,EPAB,DWPI,TDBD                     | l2 and l3    | 1                | <u>L5</u>       |
| USPT,JPAB,EPAB,DWPI,TDBD                     | l1 and l3    | 0                | <u>L4</u>       |
| USPT,JPAB,EPAB,DWPI,TDBD ((345/429)!.CCLS. ) |              | 385              | <u>L3</u>       |
| USPT,JPAB,EPAB,DWPI,TDBD ((345/114)!.CCLS. ) |              | 148              | <u>L2</u>       |
| DWPI,USPT,EPAB,JPAB,TDBD ((345/113)!.CCLS. ) |              | 302              | <u>L1</u>       |

Generate Collection

## Search Results - Record(s) 1 through 10 of 15 returned.

☐ 1. Document ID: US 6069637 A

L6: Entry 1 of 15

File: USPT

May 30, 2000

US-PAT-NO: 6069637

DOCUMENT-IDENTIFIER: US 6069637 A

TITLE: System for custom imprinting a variety of articles with images obtained from a variety of different sources

DATE-ISSUED: May 30, 2000

## INVENTOR-INFORMATION:

| NAME                     | CITY      | STATE | ZIP CODE | COUNTRY |
|--------------------------|-----------|-------|----------|---------|
| Gaglione; Patrick Joseph | Rochester | NY    | N/A      | N/A     |
| Morba; Michael Anthony   | Rochester | NY    | N/A      | N/A     |

US-CL-CURRENT: 345/435; 345/113, 345/114, 345/428, 707/508

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 2. Document ID: US 6034739 A

L6: Entry 2 of 15

File: USPT

Mar 7, 2000

US-PAT-NO: 6034739

DOCUMENT-IDENTIFIER: US 6034739 A

TITLE: System for establishing a three-dimensional garbage matte which enables simplified adjusting of spatial relationships between physical and virtual scene elements

DATE-ISSUED: March 7, 2000

## INVENTOR-INFORMATION:

| NAME                 | CITY           | STATE | ZIP CODE | COUNTRY |
|----------------------|----------------|-------|----------|---------|
| Rohlfing; Thomas R.  | Salt Lake City | UT    | N/A      | N/A     |
| Houskeeper; James H. | Draper         | UT    | N/A      | N/A     |

US-CL-CURRENT: 348/586; 345/113, 345/114, 345/420, 348/578, 348/584, 348/592

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 3. Document ID: US 6028583 A

L6: Entry 3 of 15

File: USPT

Feb 22, 2000

US-PAT-NO: 6028583  
DOCUMENT-IDENTIFIER: US 6028583 A

TITLE: Compound layers for composited image manipulation

DATE-ISSUED: February 22, 2000

INVENTOR-INFORMATION:

| NAME          | CITY          | STATE | ZIP CODE | COUNTRY |
|---------------|---------------|-------|----------|---------|
| Hamburg; Mark | Scotts Valley | CA    | N/A      | N/A     |

US-CL-CURRENT: 345/112; 345/113, 345/114, 345/115, 348/584, 348/586

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 4. Document ID: US 6016137 A

L6: Entry 4 of 15

File: USPT

Jan 18, 2000

US-PAT-NO: 6016137

DOCUMENT-IDENTIFIER: US 6016137 A

TITLE: Method and apparatus for producing a semi-transparent cursor on a data processing display

DATE-ISSUED: January 18, 2000

INVENTOR-INFORMATION:

| NAME                          | CITY           | STATE | ZIP CODE | COUNTRY |
|-------------------------------|----------------|-------|----------|---------|
| Evans; Edward Kelley          | Essex Junction | VT    | N/A      | N/A     |
| Long; Andrew Anthony          | Winooski       | VT    | N/A      | N/A     |
| West; Roderick Michael Peters | Colchester     | VT    | N/A      | N/A     |

US-CL-CURRENT: 345/145; 345/113, 345/114, 345/435

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 5. Document ID: US 5986718 A

L6: Entry 5 of 15

File: USPT

Nov 16, 1999

US-PAT-NO: 5986718

DOCUMENT-IDENTIFIER: US 5986718 A

TITLE: Photographic method using chroma-key and a photobooth employing the same

DATE-ISSUED: November 16, 1999

INVENTOR-INFORMATION:

| NAME              | CITY         | STATE | ZIP CODE | COUNTRY |
|-------------------|--------------|-------|----------|---------|
| Barwacz; David M. | Grand Rapids | MI    | N/A      | N/A     |
| Jensen; Jason J.  | Grand Rapids | MI    | N/A      | N/A     |

US-CL-CURRENT: 348/592; 345/113, 345/114, 348/586, 348/587

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 6. Document ID: US 5982350 A

L6: Entry 6 of 15

File: USPT

Nov 9, 1999

US-PAT-NO: 5982350

DOCUMENT-IDENTIFIER: US 5982350 A

TITLE: Composer interface for arranging the components of special effects for a motion picture production

DATE-ISSUED: November 9, 1999

INVENTOR-INFORMATION:

| NAME               | CITY       | STATE | ZIP CODE | COUNTRY |
|--------------------|------------|-------|----------|---------|
| Hekmatpour; Sharam | Wollongong | N/A   | N/A      | AUX     |
| Hodson; David A.   | Heidelberg | N/A   | N/A      | AUX     |
| Mann; David J.     | Dallas     | N/A   | N/A      | AUX     |

US-CL-CURRENT: 345/113; 345/114, 348/586

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 7. Document ID: US 5972479 A

L6: Entry 7 of 15

File: USPT

Oct 26, 1999

US-PAT-NO: 5972479

DOCUMENT-IDENTIFIER: US 5972479 A

TITLE: Camouflage configuration

DATE-ISSUED: October 26, 1999

INVENTOR-INFORMATION:

| NAME                | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|------|-------|----------|---------|
| Lehman; Victoria L. | Luck | WI    | 54853    | N/A     |

US-CL-CURRENT: 428/195; 345/113, 345/114, 358/1.9, 358/515, 358/537, 428/137, 428/187, 428/190, 428/207, 428/81, 428/919, 430/394

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 8. Document ID: US 5966114 A

L6: Entry 8 of 15

File: USPT

Oct 12, 1999

US-PAT-NO: 5966114

DOCUMENT-IDENTIFIER: US 5966114 A

TITLE: Data processor having graphical user interface and recording medium therefor

DATE-ISSUED: October 12, 1999

INVENTOR-INFORMATION:

| NAME              | CITY        | STATE | ZIP CODE | COUNTRY |
|-------------------|-------------|-------|----------|---------|
| Ito; Masanori     | Yokkaichi   | N/A   | N/A      | JPX     |
| Inami; Akiko      | Hashima-gun | N/A   | N/A      | JPX     |
| Takada; Toshiyuki | Ogaki       | N/A   | N/A      | JPX     |

US-CL-CURRENT: 345/113; 345/114, 345/339, 345/344



| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 9. Document ID: US 5936606 A

L6: Entry 9 of 15

File: USPT

Aug 10, 1999

US-PAT-NO: 5936606

DOCUMENT-IDENTIFIER: US 5936606 A

TITLE: On-screen edit/display controller

DATE-ISSUED: August 10, 1999

INVENTOR-INFORMATION:

| NAME             | CITY    | STATE | ZIP CODE | COUNTRY |
|------------------|---------|-------|----------|---------|
| Lie; Ching-Sheng | Hsinchu | N/A   | N/A      | TWX     |

US-CL-CURRENT: 345/113; 345/114, 345/435

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 10. Document ID: US 5877741 A

L6: Entry 10 of 15

File: USPT

Mar 2, 1999

US-PAT-NO: 5877741

DOCUMENT-IDENTIFIER: US 5877741 A

TITLE: System and method for implementing an overlay pathway

DATE-ISSUED: March 2, 1999

INVENTOR-INFORMATION:

| NAME                 | CITY      | STATE | ZIP CODE | COUNTRY |
|----------------------|-----------|-------|----------|---------|
| Chee; Lawrence P.    | Vancouver | N/A   | N/A      | CAX     |
| Mulvenna; John David | Delta     | N/A   | N/A      | CAX     |

US-CL-CURRENT: 345/113; 345/114

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
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## Search Results - Record(s) 11 through 15 of 15 returned.

☐ 11. Document ID: US 5874967 A

L6: Entry 11 of 15

File: USPT

Feb 23, 1999

US-PAT-NO: 5874967

DOCUMENT-IDENTIFIER: US 5874967 A

TITLE: Graphics system and process for blending graphics display layers

DATE-ISSUED: February 23, 1999

## INVENTOR-INFORMATION:

| NAME                | CITY           | STATE | ZIP CODE | COUNTRY |
|---------------------|----------------|-------|----------|---------|
| West; R. Michael P. | Colchester     | VT    | N/A      | N/A     |
| Evans; Edward K.    | Essex Junction | VT    | N/A      | N/A     |
| Stratz; Stephen J.  | Shelburne      | VT    | N/A      | N/A     |

US-CL-CURRENT: 345/435; 345/113, 345/114

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 12. Document ID: US 5781174 A

L6: Entry 12 of 15

File: USPT

Jul 14, 1998

US-PAT-NO: 5781174

DOCUMENT-IDENTIFIER: US 5781174 A

TITLE: Image synthesizer and image pointing system

DATE-ISSUED: July 14, 1998

## INVENTOR-INFORMATION:

| NAME           | CITY  | STATE | ZIP CODE | COUNTRY |
|----------------|-------|-------|----------|---------|
| Uya; Masaru    | Osaka | N/A   | N/A      | JPX     |
| Sayama; Takuya | Osaka | N/A   | N/A      | JPX     |

US-CL-CURRENT: 345/113; 345/114, 345/150, 345/156, 345/2

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 13. Document ID: US 5644333 A

L6: Entry 13 of 15

File: USPT

Jul 1, 1997

US-PAT-NO: 5644333  
DOCUMENT-IDENTIFIER: US 5644333 A

TITLE: Color key detection scheme for multimedia systems

DATE-ISSUED: July 1, 1997

INVENTOR-INFORMATION:

| NAME              | CITY          | STATE | ZIP CODE | COUNTRY |
|-------------------|---------------|-------|----------|---------|
| King; Sherman T.  | San Francisco | CA    | N/A      | N/A     |
| Lee; Tommy C.     | Danville      | CA    | N/A      | N/A     |
| Wang; Niantseu    | Milpitas      | CA    | N/A      | N/A     |
| Kimura; Scott A.  | San Jose      | CA    | N/A      | N/A     |
| Hwang; Guorjuh T. | Milpitas      | CA    | N/A      | N/A     |

US-CL-CURRENT: 345/115; 345/113, 345/114, 345/516

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 14. Document ID: US 5426725 A

L6: Entry 14 of 15

File: USPT

Jun 20, 1995

US-PAT-NO: 5426725  
DOCUMENT-IDENTIFIER: US 5426725 A

TITLE: Priority based graphics in an open system windows environment

DATE-ISSUED: June 20, 1995

INVENTOR-INFORMATION:

| NAME                | CITY    | STATE | ZIP CODE | COUNTRY |
|---------------------|---------|-------|----------|---------|
| Kilgore; William B. | Phoenix | AZ    | N/A      | N/A     |

US-CL-CURRENT: 707/515; 345/113, 345/114, 345/435

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|

☐ 15. Document ID: US 4954970 A

L6: Entry 15 of 15

File: USPT

Sep 4, 1990

US-PAT-NO: 4954970  
DOCUMENT-IDENTIFIER: US 4954970 A

TITLE: Video overlay image processing apparatus

DATE-ISSUED: September 4, 1990

INVENTOR-INFORMATION:

| NAME              | CITY      | STATE | ZIP CODE | COUNTRY |
|-------------------|-----------|-------|----------|---------|
| Walker; James T.  | Palo Alto | CA    | 94301    | N/A     |
| Kausch; Marvin L. | San Jose  | CA    | 95132    | N/A     |

US-CL-CURRENT: 345/435; 345/113, 345/114, 345/153, 345/431, 358/524

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
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|--|--------------|------------------|-----------------|
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| USPT,JPAB,EPAB,DWPI,TDBD                     | 11 and 13    | 0                | <u>L4</u>       |
| USPT,JPAB,EPAB,DWPI,TDBD ((345/429)!.CCLS. ) |              | 385              | <u>L3</u>       |
| USPT,JPAB,EPAB,DWPI,TDBD ((345/114)!.CCLS. ) |              | 148              | <u>L2</u>       |
| DWPI,USPT,EPAB,JPAB,TDBD ((345/113)!.CCLS. ) |              | 302              | <u>L1</u>       |

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 4528636 A

L5: Entry 1 of 1

File: USPT

Jul 9, 1985

US-PAT-NO: 4528636

DOCUMENT-IDENTIFIER: US 4528636 A

TITLE: Display memory with write inhibit signal for transparent foreground pixel codes

DATE-ISSUED: July 9, 1985

INVENTOR-INFORMATION:

| NAME                    | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------------|------|-------|----------|---------|
| Robinson, III; Irwin J. | Mesa | AZ    | N/A      | N/A     |

US-CL-CURRENT: 345/429; 345/114, 345/150, 345/199

| Full | Title | CIT.1 | REV.1 | CLS.1 | REF.1 | DRAW.1 |
|------|-------|-------|-------|-------|-------|--------|
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